

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P672865

Luminaire Tested: **CCP-SA-1C-827-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672865
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-827-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (16) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

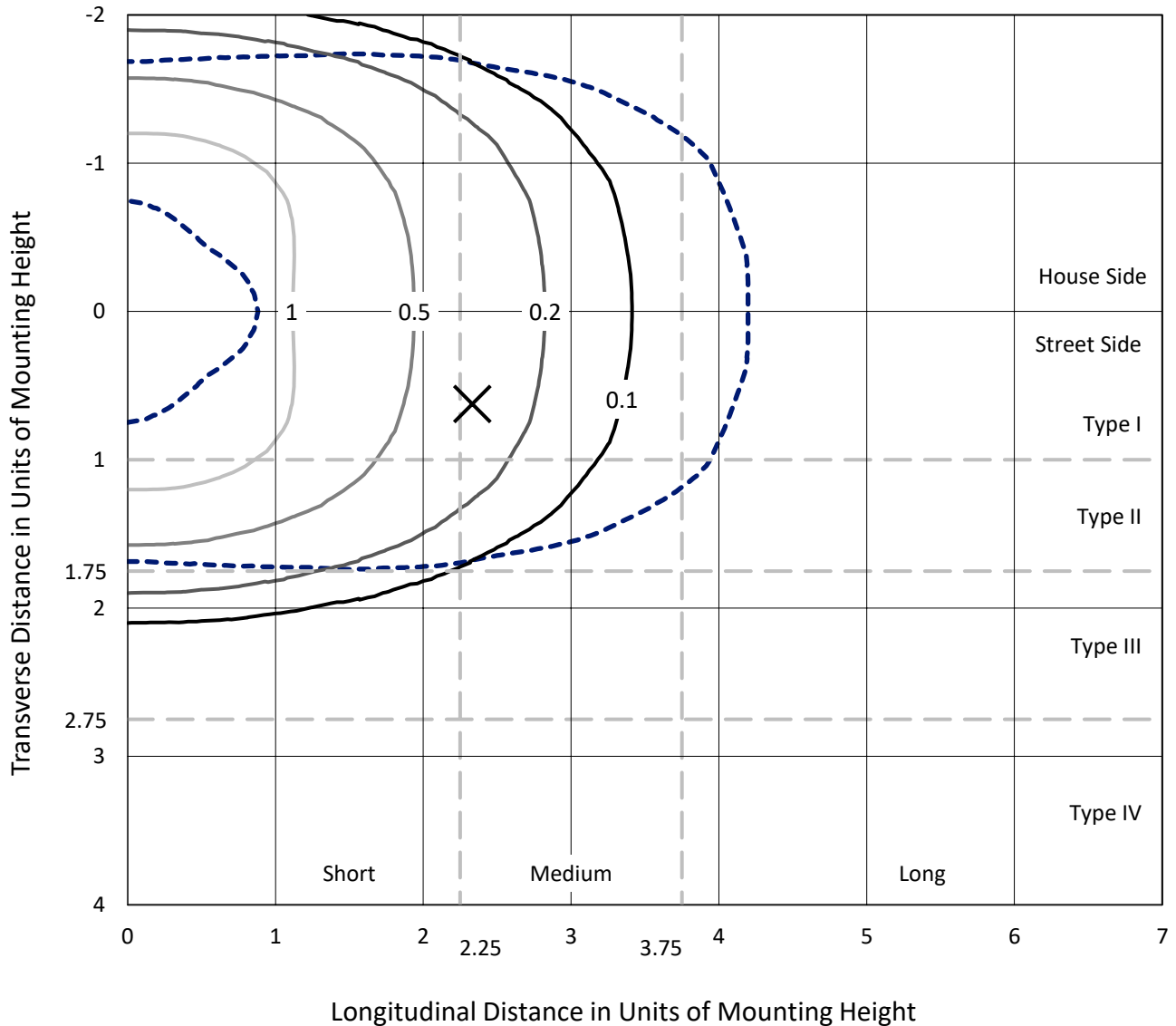
Lumens per Lamp: N/A
Luminaire Lumens: 3380.9 lumens
Efficiency: N/A
Efficacy: 105.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672865
 CATALOG NUMBER: CCP-SA-1C-827-U-RW

Iso-Footcandle Lines of Horizontal Illumination

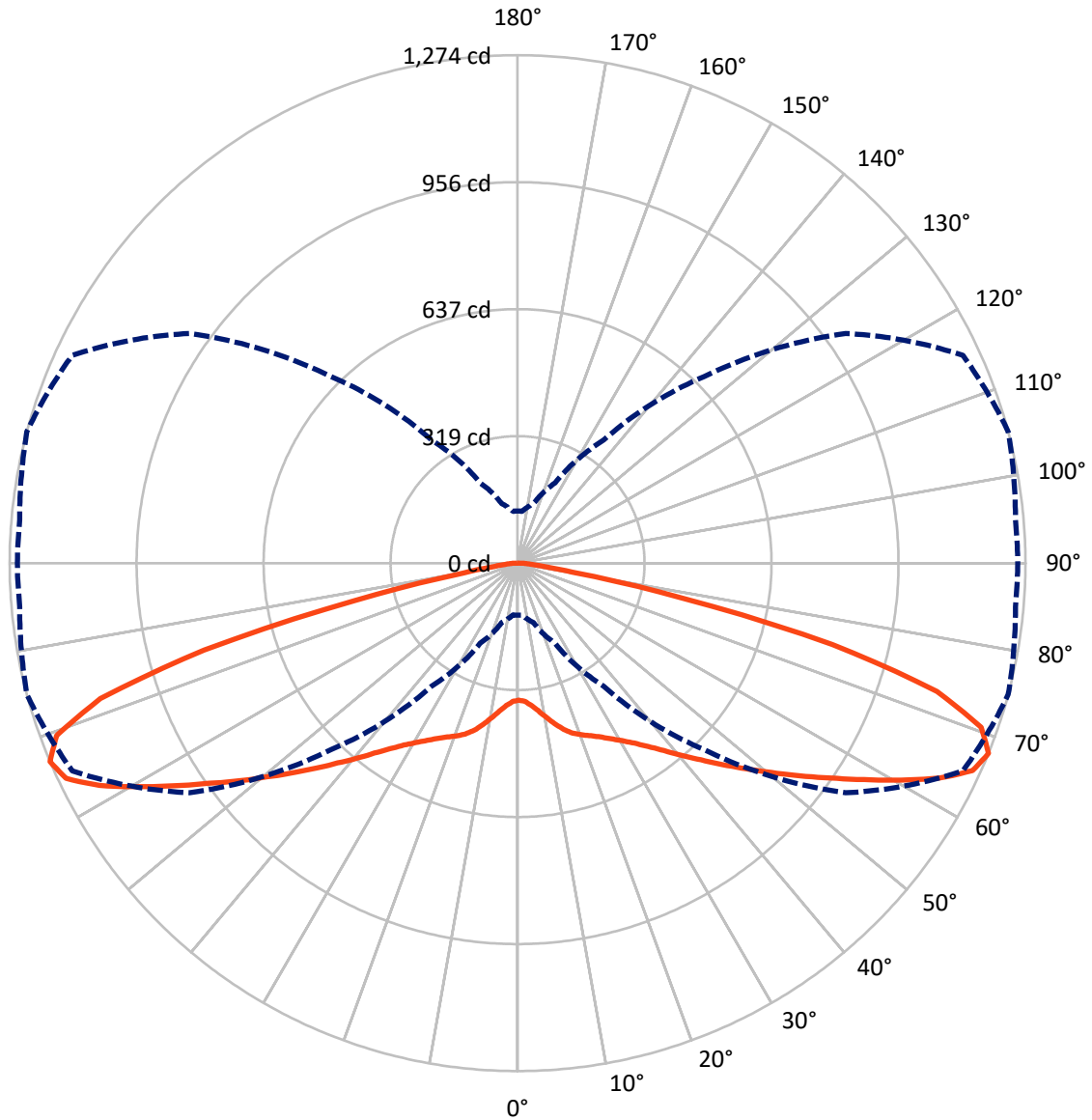
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.8 fc
 Type II - Medium - N/A

REPORT NUMBER: P672865
CATALOG NUMBER: CCP-SA-1C-827-U-RW

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P672865
 CATALOG NUMBER: CCP-SA-1C-827-U-RW

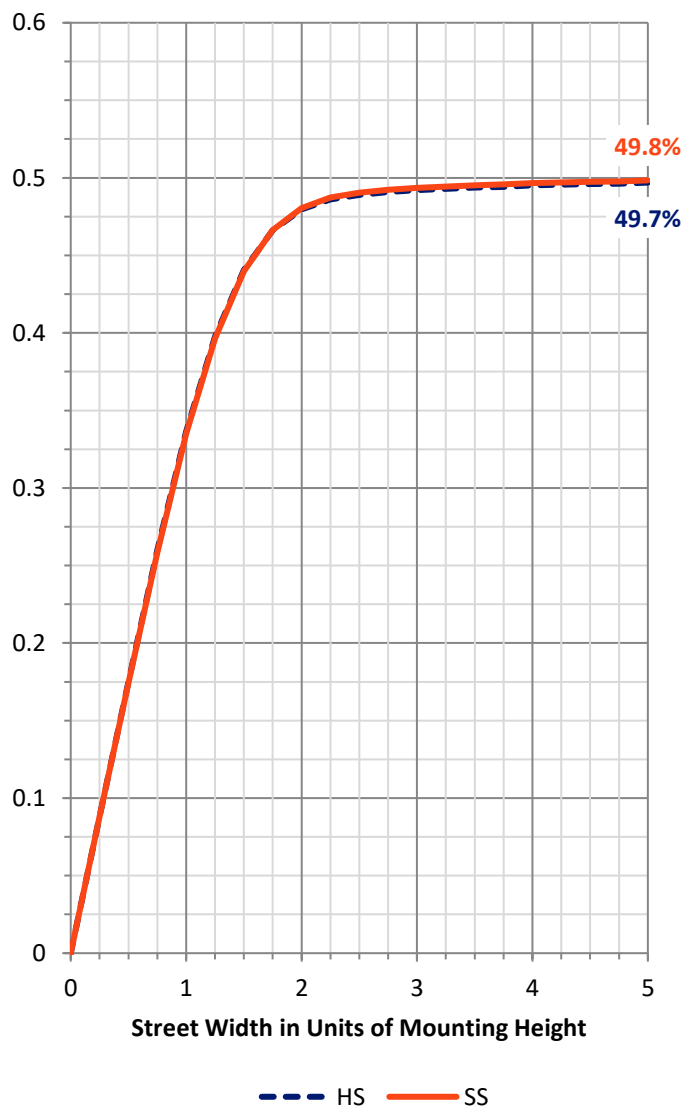
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1690.4	0.0	1690.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1690.4	0.0	1690.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	3380.9	0.0	3380.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.0	1.0
10°-20°	114.7	3.4
20°-30°	223.9	6.6
30°-40°	386.3	11.4
40°-50°	625.8	18.5
50°-60°	851.1	25.2
60°-70°	785.1	23.2
70°-80°	328.5	9.7
80°-90°	31.4	0.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	3380.9	100.0
0°-180°	3380.9	100.0



REPORT NUMBER: P672865

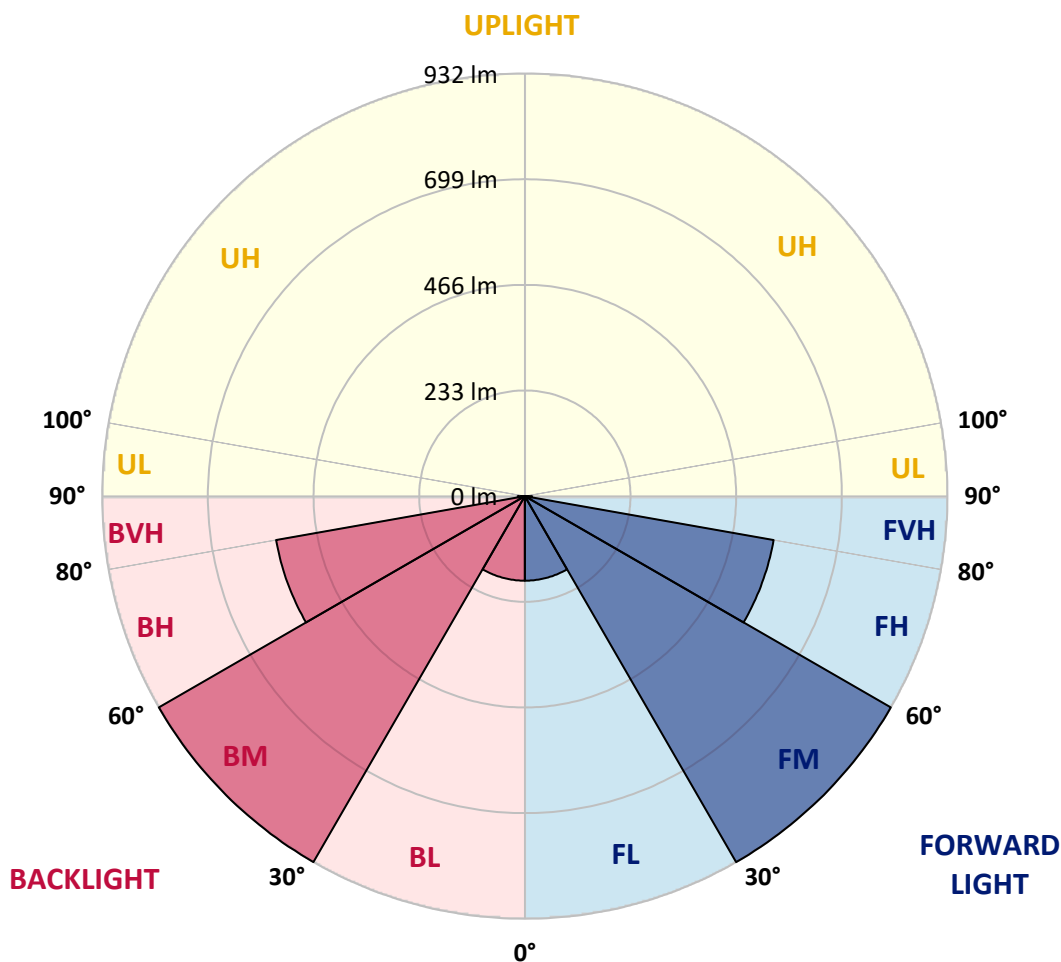
CATALOG NUMBER: CCP-SA-1C-827-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	186.3	5.5			
FM (30°-60°)	931.6	27.6			
FH (60°-80°)	556.8	16.5			G0/660
FVH (80°-90°)	15.7	0.5			G1/100
BL (0°-30°)	186.3	5.5	B1/500		
BM (30°-60°)	931.6	27.6	B1/1000		
BH (60°-80°)	556.8	16.5	B2/1000		G2/1000
BVH (80°-90°)	15.7	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





REPORT NUMBER: P672865

CATALOG NUMBER: CCP-SA-1C-827-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	344.0	344.0	344.0	344.0	344.0	344.0	344.0	344.0	344.0	344.0	344.0
2.5°	341.8	341.8	342.7	344.0	344.4	345.4	345.7	345.7	347.1	346.9	347.1
5°	340.8	340.8	342.5	344.7	347.1	350.0	352.9	354.6	358.3	359.0	359.3
7.5°	341.8	342.0	344.4	348.1	352.2	357.6	363.2	367.8	373.9	376.0	377.5
10°	345.4	345.7	348.8	353.9	360.2	368.0	376.0	383.3	393.1	397.4	398.2
12.5°	351.0	351.2	355.9	364.1	373.1	382.8	391.8	401.1	413.2	419.8	421.3
15°	359.5	358.8	366.1	378.2	390.9	403.0	411.0	420.0	432.9	441.4	443.6
17.5°	371.2	371.7	380.7	396.2	411.8	424.2	432.2	437.3	448.5	457.2	459.4
20°	385.8	387.9	399.4	417.4	435.6	448.7	454.3	453.6	459.9	467.4	469.1
22.5°	406.4	407.9	421.7	441.9	462.8	476.4	478.6	470.6	470.4	475.2	477.4
25°	430.7	431.9	446.5	469.9	492.0	506.3	504.1	490.3	483.0	483.2	484.7
27.5°	459.2	461.6	476.7	500.5	523.3	536.5	533.3	513.1	498.8	494.4	493.4
30°	496.1	498.8	514.1	537.0	557.1	568.8	563.9	538.4	517.0	509.7	508.3
32.5°	544.2	544.0	559.8	581.9	596.0	603.6	594.1	565.2	538.2	528.4	526.5
35°	593.8	596.3	611.8	633.2	643.9	644.4	629.3	596.8	564.7	547.9	544.2
37.5°	649.7	651.0	668.9	689.1	696.2	692.3	669.9	633.7	596.8	579.0	572.7
40°	707.1	708.3	729.2	748.7	756.5	747.2	717.8	674.5	634.7	615.2	611.6
42.5°	760.3	763.5	786.8	809.7	817.2	806.5	771.0	719.3	674.8	656.1	651.2
45°	804.6	808.0	834.2	863.4	876.8	868.0	827.9	769.6	721.0	700.8	692.5
47.5°	837.9	842.3	870.2	905.2	931.2	929.5	888.4	822.8	770.6	746.7	739.2
50°	860.7	865.4	895.5	933.2	972.3	985.4	949.9	881.6	825.7	799.0	793.9
52.5°	862.4	866.6	901.1	948.0	1000.3	1029.2	1010.5	943.6	886.5	858.8	855.1
55°	824.5	827.4	873.4	935.8	1011.7	1062.7	1065.6	1011.2	951.4	923.4	921.7
57.5°	737.5	741.6	796.6	879.2	992.7	1084.4	1113.5	1081.9	1024.8	998.6	997.1
60°	595.8	601.1	663.8	773.7	924.2	1078.8	1154.1	1148.3	1105.0	1079.5	1078.5
62.5°	420.3	422.2	487.6	608.7	790.0	1019.5	1173.8	1212.9	1188.2	1162.4	1163.8
65°	247.0	249.6	297.5	406.4	599.2	883.1	1139.8	1257.9	1254.8	1231.2	1233.6
67.5°	130.5	130.5	154.6	222.2	376.8	661.2	1004.4	1233.1	1274.4	1253.8	1255.0
70°	90.2	89.9	94.3	111.6	182.1	409.8	751.3	1103.3	1234.3	1226.6	1229.7
72.5°	76.3	75.8	76.1	78.5	92.6	185.2	456.3	849.8	1100.4	1112.3	1115.0
75°	66.8	66.1	65.6	65.1	66.4	84.1	208.1	524.3	815.8	890.6	889.2
77.5°	57.6	57.1	56.6	54.9	53.0	55.2	85.1	235.8	419.5	495.1	489.8
80°	47.4	47.4	48.1	45.7	42.1	40.6	50.8	88.0	139.3	145.4	133.7
82.5°	37.2	37.2	40.8	37.4	33.1	29.4	35.2	46.9	56.6	45.9	37.4
85°	26.3	26.5	34.0	31.1	25.5	17.0	21.9	28.0	31.8	20.2	15.8
87.5°	10.7	11.4	21.1	16.8	16.0	8.5	10.2	12.4	15.8	8.5	6.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)